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The Snab-Nased B-52 Redom-

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pseudo-targets before handing for the actual one. To further confaint the apposition, the jet-to-postered mission can by high ser low on the way to the strike some. The OAM-TE MENDO 1000 two designed and as on production for SAC by the Missic Davance of North Assertion Assistan-

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Fig. 3. Booket motors, ignited subressizably at and of cola-From design, development and production of propulsion systerm for resion remailer to specialized applications of rocket power, THEOGOL engineering shifts are meeting the problems poets, amount, expressing matterns are accessed the poster of the space age. THEOREM, means reliability—in every way. Scientists, Engineers; perhaps there's a place for you on the

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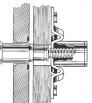


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operation involved Type 347 stainless steel which good West Court Distributors). FASTERN

STAINLESS STEEL neder arrived at Danielas within the allotted time conblung the project to proceed on schedule.



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n.C.120. Upones a few items, sengre eff a few high spiks sell fill a few pothedis: and yes? up it iterment for insensories insiusing flights that average 37D mpb, energ 20 four of corps or 92 consider county troops. Another research with the Lackbord prop-per C-120 METICULES promotes soon for far alwish per deliter than now other plane may filling, may below endeaded, new arbeits of promotes.

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IMAGINATION IN SPACE—NEW Crusters, two has backed out in space.

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MADINATION IN STACE—SIZE CREATE, and has booked out a spore, the but, urderware and manistra, that us the beginning of understandings or free and side to explain. You to more to space calls for wholly new contepts of unit This, then, is the working philosophy of Hercules in electron propagations:

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CROSSTER MINISTER T I leave

Aviation Week

Vol. 72, No. 25

... Space Technology

SPECIAL REPORT ON STRATEGIC AIR COMMAND SAC Cuts ICBM Crews, Meletenesses SAC Melds Tearles for Borsber-Wassile Mrs.

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In engineering and manufacturing AMF has ingenuity you can use... Awareay waters a receipt company



The Air Force Missile Family... Scions of Space Technology

Science and technology, especially as they mists to mission are have advanced further in the last we valve from in the nexceding six centures. Any review of the many minestones auccessfully attained since 1964 revents on ego of hard work. constitity at the explicit result is date-in house explicat a program committed for magnitude and complexity Space Technology Laboratories has had the responsibility since 1954 for the overall systems engineering and sectorical

of operational capability for Air Force ballatic restalles, but have also been applied in carrying out related space probe and seletite projects Scientists and enzineers with outstanding qualifications find unusual opportunities for their skills and discoulers at XIV.



FDITORIAL

A New Look at SAC

they Secretary of Defense, Louis Johnson, embodied on

Soviet ICBM Challenge The moons of SAC in executing in effective deterrent

effectiveness of SAC. The U.S. monagels in both stoore vences and intercontinental delivers ristens ended in the resk, 1950s. The advest of the intraces tricatal bulletic massle in the late 1990s passided the

Areas of Debate

It is a demons that you make the difference between



WHO'S WHERE INDUSTRY OBSERVER

In the Front Office

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Hary J. Goett, director of the National Associated and Space Advanced-strain's

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► Lockbood Agents B support stage modest, solveneed version of the Arents now

being used for Discovere and Midst satellites, is tentstrebt scheduled for worst that would not a satulkin sate a very large opposition with several the

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*Advagood County Terrics and Tieter series took muscles will be fitted with new type of housing guidance statesd of the prepent beamwides testion. Firm Law of a General Electric Mark 3 none cone about a USAF-Martin

■ Wide range of wing leadings—from 5 pel to 200 pel—was studied in con-

▶ Record context of six forces and anti-obscute defeate at Polish articles.

AVAITED WEST, June 29, 1707



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Washington Roundup

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New Contract Policy

Acrojet Complaint

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NASA's Office of Research Grants and Contracts has been shifted from the proceeds branch to the bassace administration beauth. The charact executably reviews the Librel A. Wood, fermer head of the greats' office, to now advises for advanced tech-

House Republisms have produced a report on the U.S. strategic postage according case national property are fully used. It also argue better coordination and rurang of

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ANATON WEEK, June 20, 1990

JCS Studies Targeting Strategy Revision

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AVAITION WELK, June 20, 1940



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House Plan Calls For Accurate Cost Data

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National Intelligence Principles Outlined

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York Must Approve New Projects If Cost or Technical Impact Is High

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NASA Life Sciences

Activity Is Questioned In Dual-Payload Test Dr. Readt evaluated that NASA on-

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AVATION WELK June 28, 1790



Minuteman ICBM Train Concept Displayed in Model



Mutual Security Program Cut Sharply

By Ford Entiman

Washington-Huair. Approprishing

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To keep the lowely vigil . . . Martin PM-1 air portable nuclear reactor, to supply electricity and heat at remote Air Force stations,

is now here developed and produced for the AEC.



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News Digest

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AIR TRANSPORT

ATA Criticizes FAA Data Link Program

Airlines question whether RCA system meets needs, outline basic requirements for an operational system.

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Program Proprieto



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House Group Approves Mail Airlift Prohibition

Eastern Pilots Strike in Protest To FAA's Jet Check-Ride Stand

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Bilateral Issues Threaten Route Growth By L. L. Doty

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Age 13, 1959, p. 151, suchtiple designs-

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HAT to Fly DC-8 Retween Peris-Johanneshura

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CAB Alters Findings

On Albuquerque Crash

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It often costs you less by AIR!

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AIRLINE OBSERVER

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Bounz 707 1958 treasons for delivery to Conto as 1961. Cent of the

the currer was table to sold at least one daily flight in the Baltimore-Daffas

*Andree employment has passed the 165,000 mark, highest total yet PEnten Air Lines has removed albibols fields on moses of its Douglas DC-5 turbout transport first. Eastern found that sharply angled note of the DC-5 classastes glare nountly encountered on other strengt models.

· Maltilateral approach has been algord by 10 European milities orthing edand and the United Kingdon. Figure Averter Agency has taken delivery of the Borne KC135 tasks:

which was purchased for eac as the agency's high oblitude airways recently FTso Ancies World Airway has had as \$455 secrete in traffic on 45 Seattle-Hersolula roote during the past as months it has been operating the mass period hat your when the route was served by puters-engine seconds.



Jets Spur Shift From Midway to O'Hare

Fast Landing Cited in Capital Crash



ANATION WEEK, June 22, 1960

From Stratos...NEW GROUND STARTING UNIT FOR TURBINE AIRCRAFT

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Local Airlines List Officers' Salaries

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Northwest Prepares for Douglas DC-8 Service to Tokyo

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ADMINISTRATION WHILE Jum 20, 1818

A new force in aviation

BRITISH AIRCRAFT CORPORATION

THE MATERIA AMERICAN COMPONENTION CONSTRUCT the RECORD and

guided weapons witerein of Vricters, English Electric and Bristol.

The operating subsidiaries, Vricters-Armstrongs (Aurosit), English Electric Avistion
and Bristol Airmail, though mergod, will continue to operate under their own.

Being British Arrent Corporation for the strength of the Vokens

English Electric and Bratel Groups

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BRITISH AIRCRAFT CORPORATION LIMITED

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BRISTOL

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AVAIDON WIFE, No. 20, 1565

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SAC Reacts to New Technology, Threat Screeding resease of SAC is, or the

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AWAZION WEEK, June 50, 1916



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SAC Shapes Missile Force for Survival.

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SAC Cuts ICBM Crews, Maintenance

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Strategic Air Command's **Global Base Complex**

AVAITON WEEK June 29, 1990



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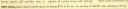




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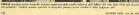
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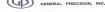


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De David A Anderbone

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AERONAUTICAL ENGINEERING



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THERMOMAT:..a new non-woven asbestos molding compound in sheet form!





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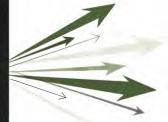






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AMATION WEEK, June 20, 1562



There's a reliable RCA/ Traveling-Wave Tube

for your needs

The chart shows shows the wells range of IRCA traveling-wave tubes available for year designs. New types and improved various are occutarily being added to the IRL Each of them; is destroyed for leng this and related performance. In fact, IRCA 1974 Types.

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CONSOLIDATED ELECTRODYNAMICS / pranders california A SOMMARY OF Bell & Howell - Mich Mission Disputer August On





Blasting new materials to make missile nose cones. The first ICBN nose come over to be recovered after flight was protected by a new, high temperature the first of a family of new heat-shielding materials. They were developed for re-Division: Newest addition to this materials family is Avcoat, a plastic heat-shield here ablating smoothly in a hydrogen-covering of simulating satellife re-entry temperatures.



European F-104G Program Is Emerging

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AVIATION WEEK, June 26, 1992





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AVAITON WILK, Aug 20, 1503

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New product concepts originated and supported include an advanced cartridgepreumatic jet engine starter and a combination starter-drive. Sundstrand Aviation's facilities include industry's most fully equipped environmental testing laboratories for secondary power switchs.

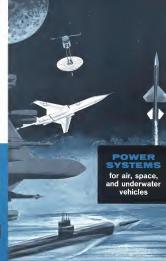
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This division's scope includes research,
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new accessory products for military and
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Work is being conducted in hydrodynamics, cryogenes, fuel pumping, hydraulica, and related fields. The most recent
development is the Sundyes pump dedevelopment is the Sundyes pump de-

scribed below.

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Lockheed Applies BLC to Large Aircraft

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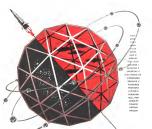




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AVAITON WEIK June 25, 1990

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AVIATION WERE June 28, 1990



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A NEW COMPUTER TECHNOLOGY solving problems hitherto unsolvable

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ANATON WER, June 20, 1910

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"mission accomplished"



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Space Administration and the technical THOS I is actually the work of many hands. Here are some of the important

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Progress in payload delivery for SAC

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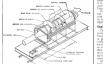
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OF SPACE TECHNOLOGY



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MISSILE ENGINEERING



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The Honeywel-Atkins Manaman Salesy Light System offers the most effective solution to these problesss. The wavel flosh stars (160 floshes per answer as the forward collision areas, 90 floshes per matter to the mengacon naterioran samageaco. The accase of the ighting system in the sacrafe weignigs nationassoully sovules the azarade and maging information neces say to plan a safe flight path.

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- yet related, accommon fields as:
- . Airframes and airframe components
- Missile target and reconnsistance systems Complete missile avateurs
- · Electronic guidance systems · Cryogenics and environmental testing of missile
- · Programs pertaining to liquid hydrogen propellants, liquid hydrogen storage and cryogenic fuel tank systems
- · Ground support equipment for the aerospace age · Research and Development programs requiring advancements in existing state of the art development relating to

For examples of Reech Imaginuity, see the next 5 pages - cond



Pioneering in testing of space vehicle components ...including liquid hydrogen fuel tankage systems

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cting advanced propulsion systems and components each qualifications for fature assignments include one than 6 years experience in liquid hydrogen proleitates and liquid hydrogen relevant, increarch, dividpment and faticiation of attackers testings systems,



Mach 2 target system for realistic training born of Beech cryogenic + airframe experience

Designed to elevalate the speed, alkitade and target characteration of energy already, the Borch XKD28-1/. Web002ff, make possible elevalent, testing of advanced wrappear systems and provides mallate training—at low cost—of alt, ground and field deletine untils lish its development has pure those than 6 years of Borch architecture of the properties of the cost 27 years of alkedness produces in cryogenius, plan over 27 years of alkedness.

know-bow. With its pre-programmed guidence system, it operates an ellibed force 1,000 to 70,000 feet and it speeds up to Mach 2 Adoptable for use with Niles, Terriers and Tribos learnthem, the Beech XKXIDE-1 has premising preferral for reconsolined development as a minute system. It can curry a substitutial psychod, its InIMB a wide mapper of future measures.







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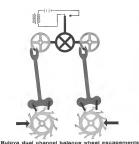












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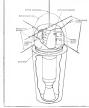
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Detection and Tracking Systems

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AVIATION WEEK, June 20, 1990

instruments systems

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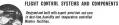
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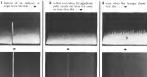
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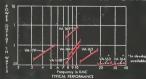
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